

CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS INVOLVED IN HOMEOSTASIS AND ADAPTATION**Patent number:** WO0100842**Publication date:** 2001-01-04**Inventor:** HABERHAUER GREGOR; SCHROEDER HARTWIG;
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BURKHARD**Applicant:** BASF AG (DE)**Classification:****- international:** C12N15/31; C12N15/52; C12N9/00; C07K14/34**- european:** C12N9/18, C07K14/34, C12N9/00**Application number:** WO2000IB00911 20000623**Priority number(s):** DE19991031636 19990708; DE19991032125 19990709;
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TR200103711T (T2)**Abstract of WO0100842**

Isolated nucleic acid molecules, designated HA nucleic acid molecules, which encode novel HA proteins from *Corynebacterium glutamicum* are described. The invention also provides antisense nucleic acid molecules, recombinant expression vectors containing HA nucleic acid molecules, and host cells into which the expression vectors have been introduced. The invention still further provides isolated HA proteins, mutated HA proteins, fusion proteins, antigenic peptides and methods for the improvement of production of a desired compound from *C. glutamicum* based on genetic engineering of HA genes in this organism.

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